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TRADEMARK OFFICE

FIG. 1

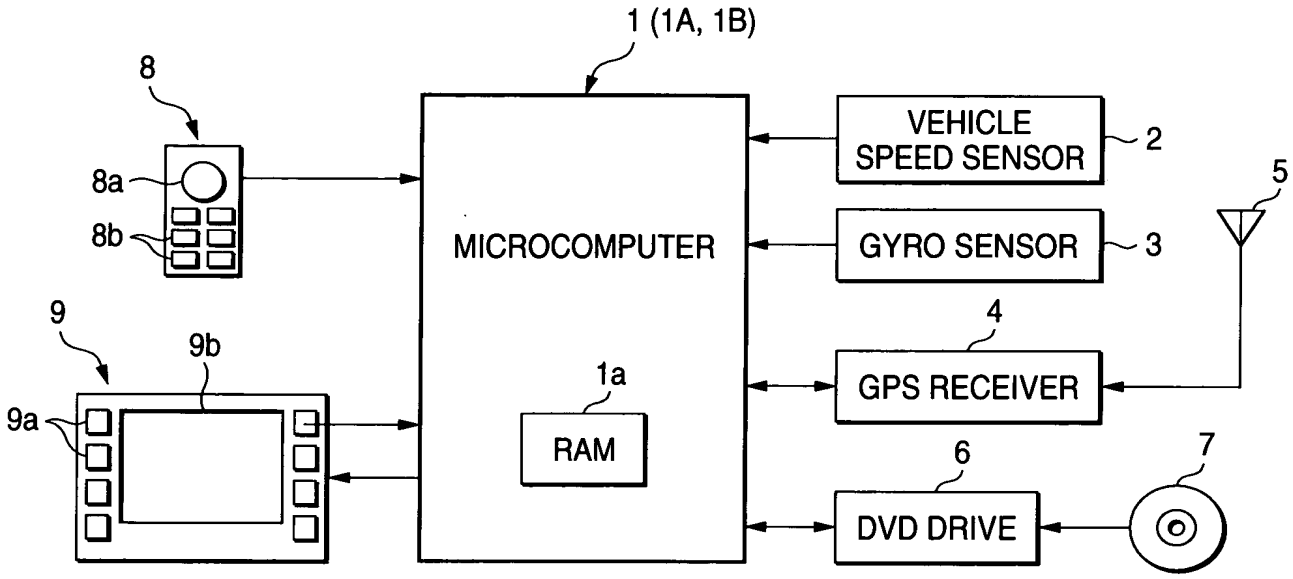


FIG. 2

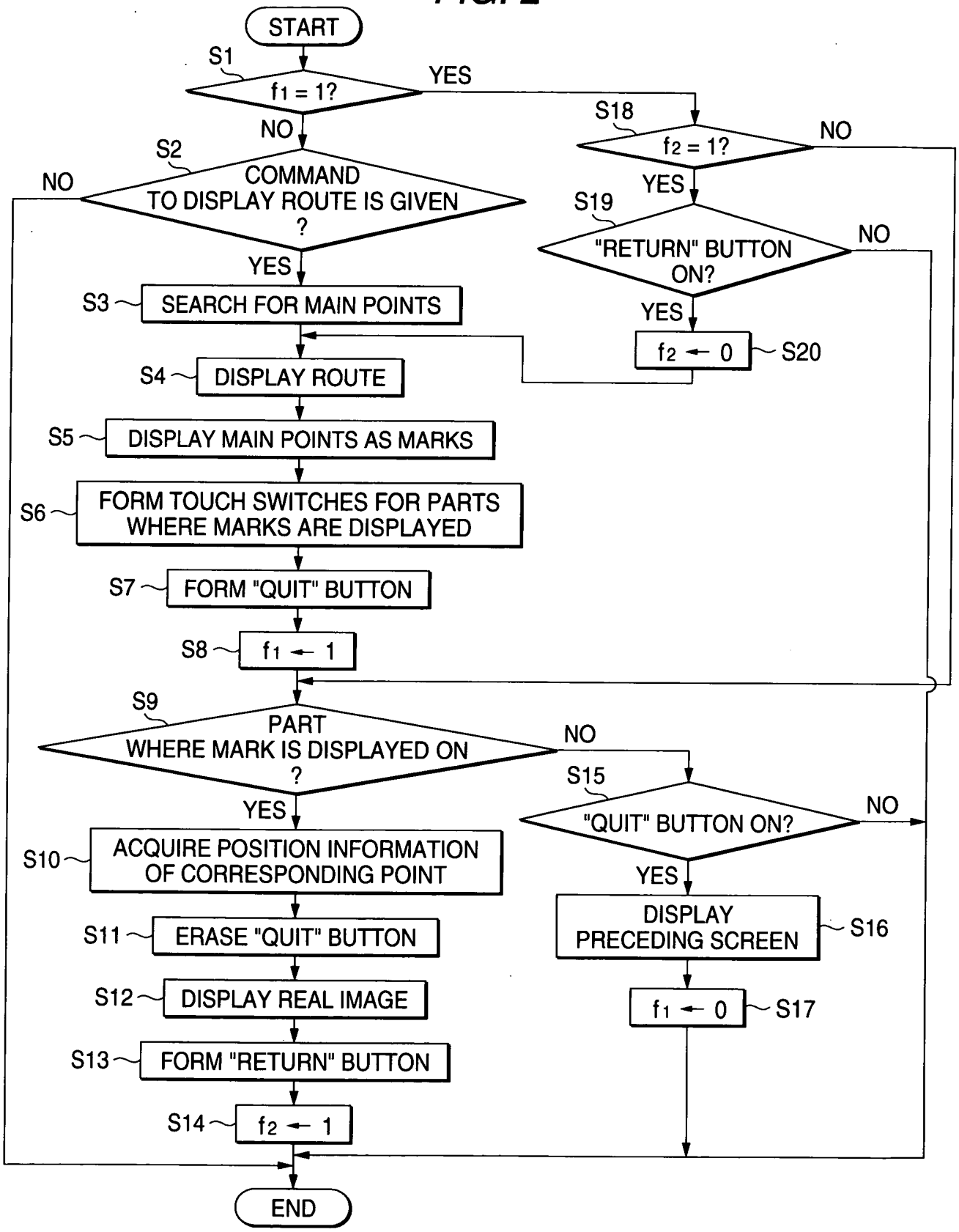

START
S1
f1 = 1?
YES
NO
S18
f2 = 1?
NO
S2
COMMAND TO DISPLAY ROUTE IS GIVEN ?
NO
YES
S19
"RETURN" BUTTON ON?
NO
YES
S3
SEARCH FOR MAIN POINTS
f2 ← 0
S20
S4
DISPLAY ROUTE
S5
DISPLAY MAIN POINTS AS MARKS
S6
FORM TOUCH SWITCHES FOR PARTS WHERE MARKS ARE DISPLAYED
S7
FORM "QUIT" BUTTON
S8
f1 ← 1
S9
PART WHERE MARK IS DISPLAYED ON ?
NO
YES
S15
"QUIT" BUTTON ON?
NO
YES
S10
ACQUIRE POSITION INFORMATION OF CORRESPONDING POINT
DISPLAY PRECEDING SCREEN
S16
S11
ERASE "QUIT" BUTTON
f1 ← 0
S17
S12
DISPLAY REAL IMAGE
S13
FORM "RETURN" BUTTON
S14
f2 ← 1
END

FIG. 3

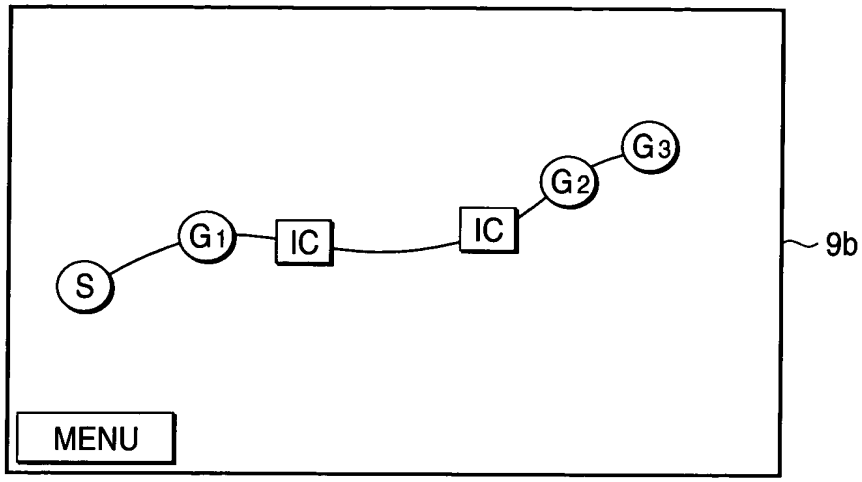


FIG. 4

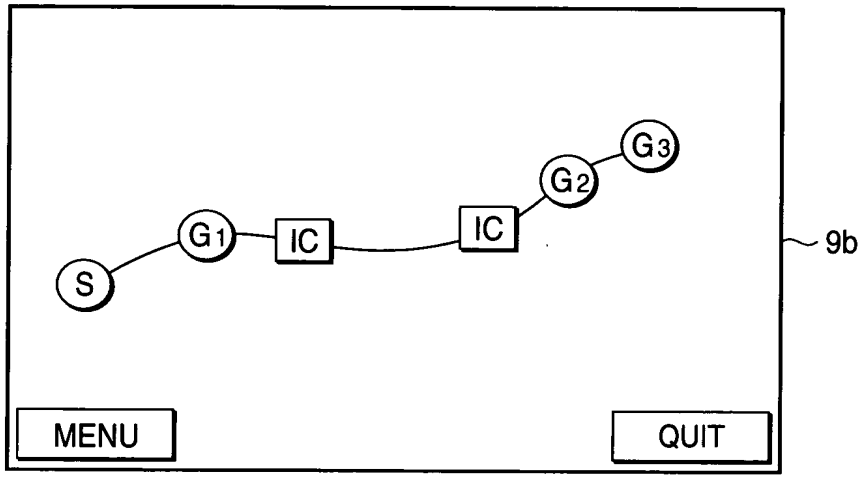


FIG. 5

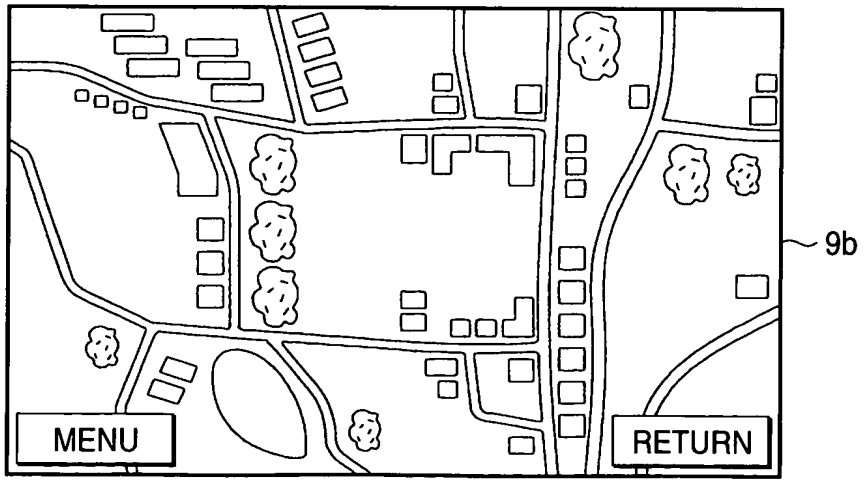


FIG. 6

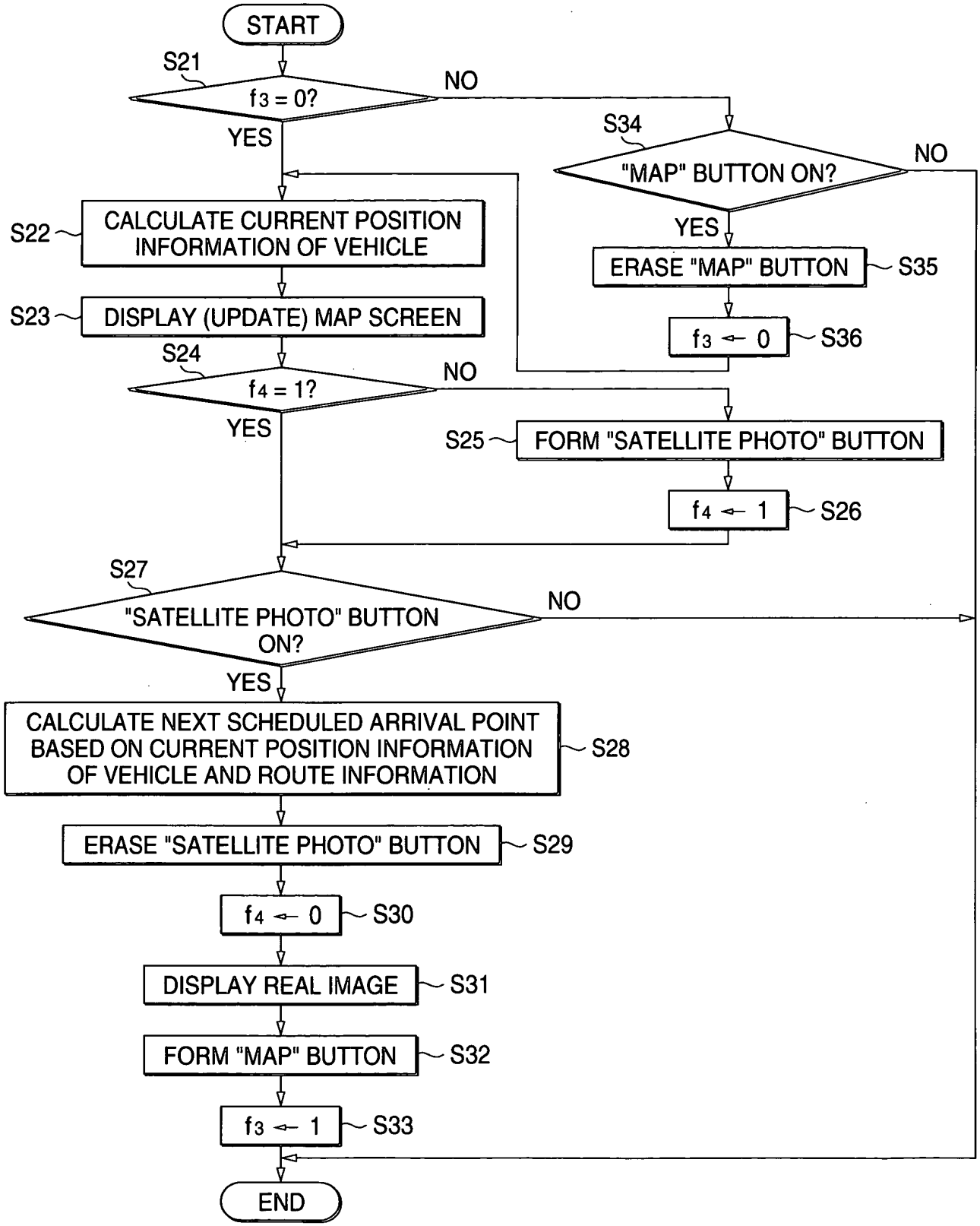

START
S21
f3 = 0?
NO
YES
S34
"MAP" BUTTON ON?
NO
YES
S22
CALCULATE CURRENT POSITION INFORMATION OF VEHICLE
ERASE "MAP" BUTTON
S35
S23
DISPLAY (UPDATE) MAP SCREEN
f3 ← 0
S36
S24
f4 = 1?
NO
YES
S25
FORM "SATELLITE PHOTO" BUTTON
f4 ← 1
S26
S27
"SATELLITE PHOTO" BUTTON ON?
NO
YES
CALCULATE NEXT SCHEDULED ARRIVAL POINT BASED ON CURRENT POSITION INFORMATION OF VEHICLE AND ROUTE INFORMATION
S28
ERASE "SATELLITE PHOTO" BUTTON
S29
f4 ← 0
S30
DISPLAY REAL IMAGE
S31
FORM "MAP" BUTTON
S32
f3 ← 1
S33
END

FIG. 7

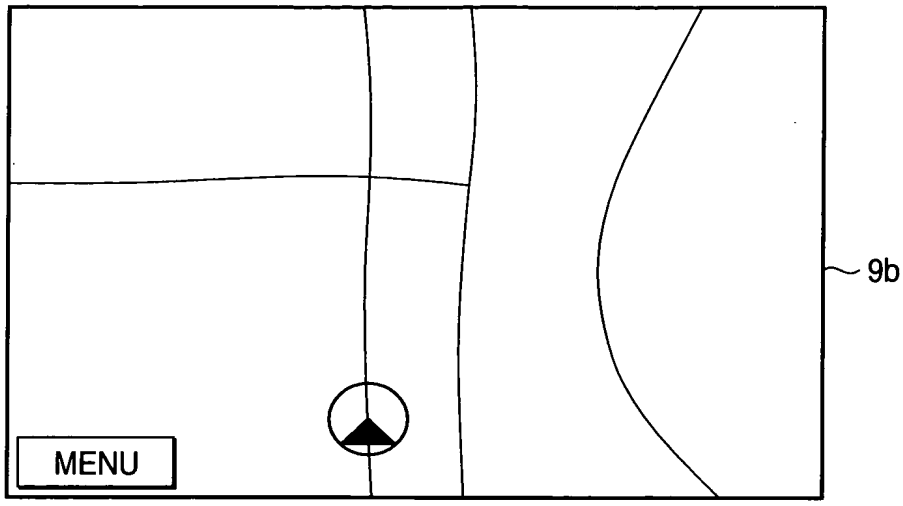


FIG. 8

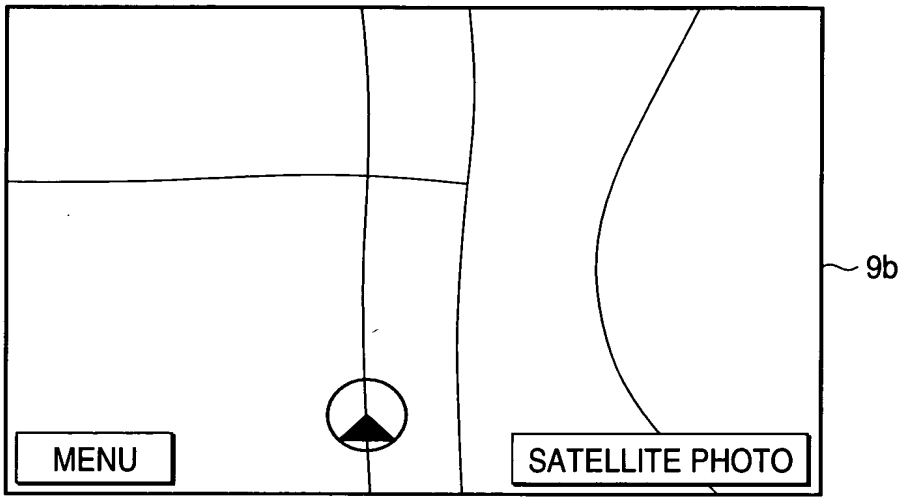


FIG. 9

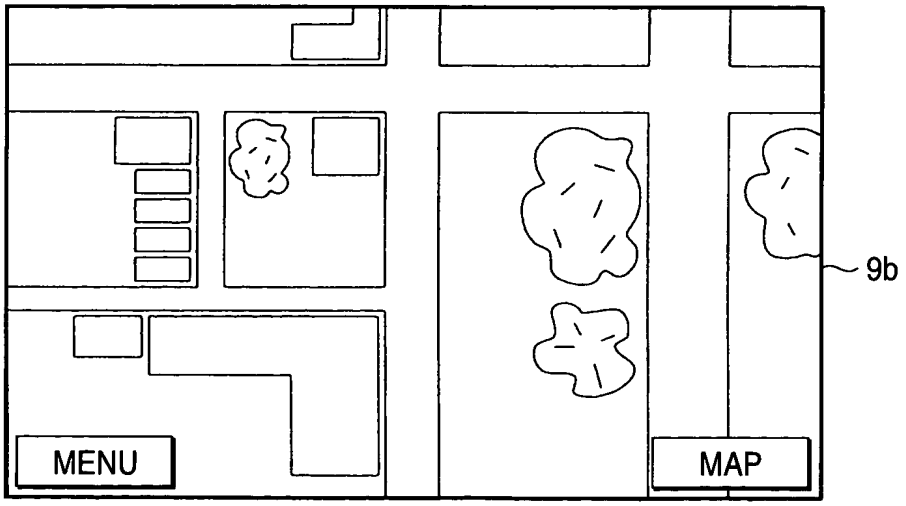


FIG. 10

	TYPE	POSITION
0	STARTING POINT	(x_0, y_0)
1	PASSED-THROUGH POINT I	(x_1, y_1)
2	IC (ENTRANCE)	(x_2, y_2)
3	IC (EXIT)	(x_3, y_3)
4	PASSED-THROUGH POINT II	(x_4, y_4)
5	DESTINATION	(x_5, y_5)

FIG. 11

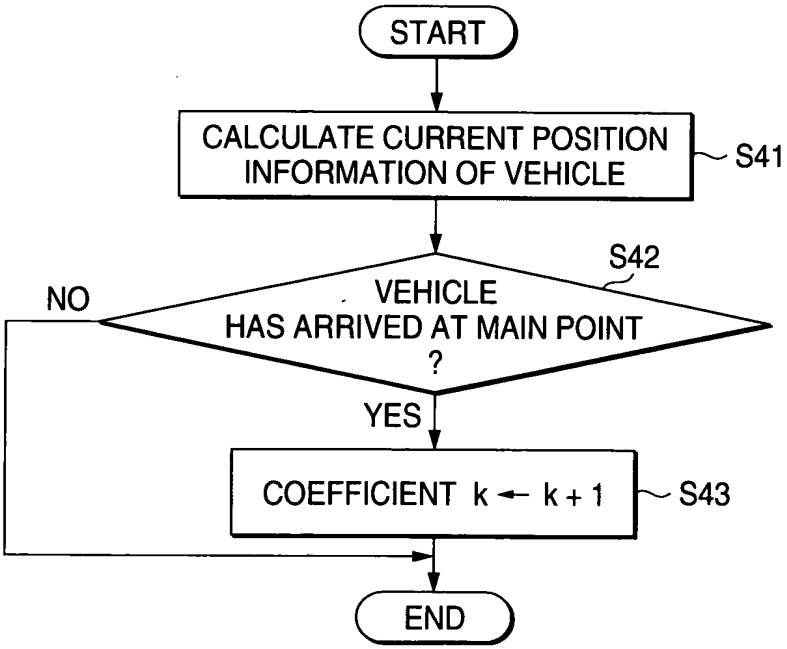
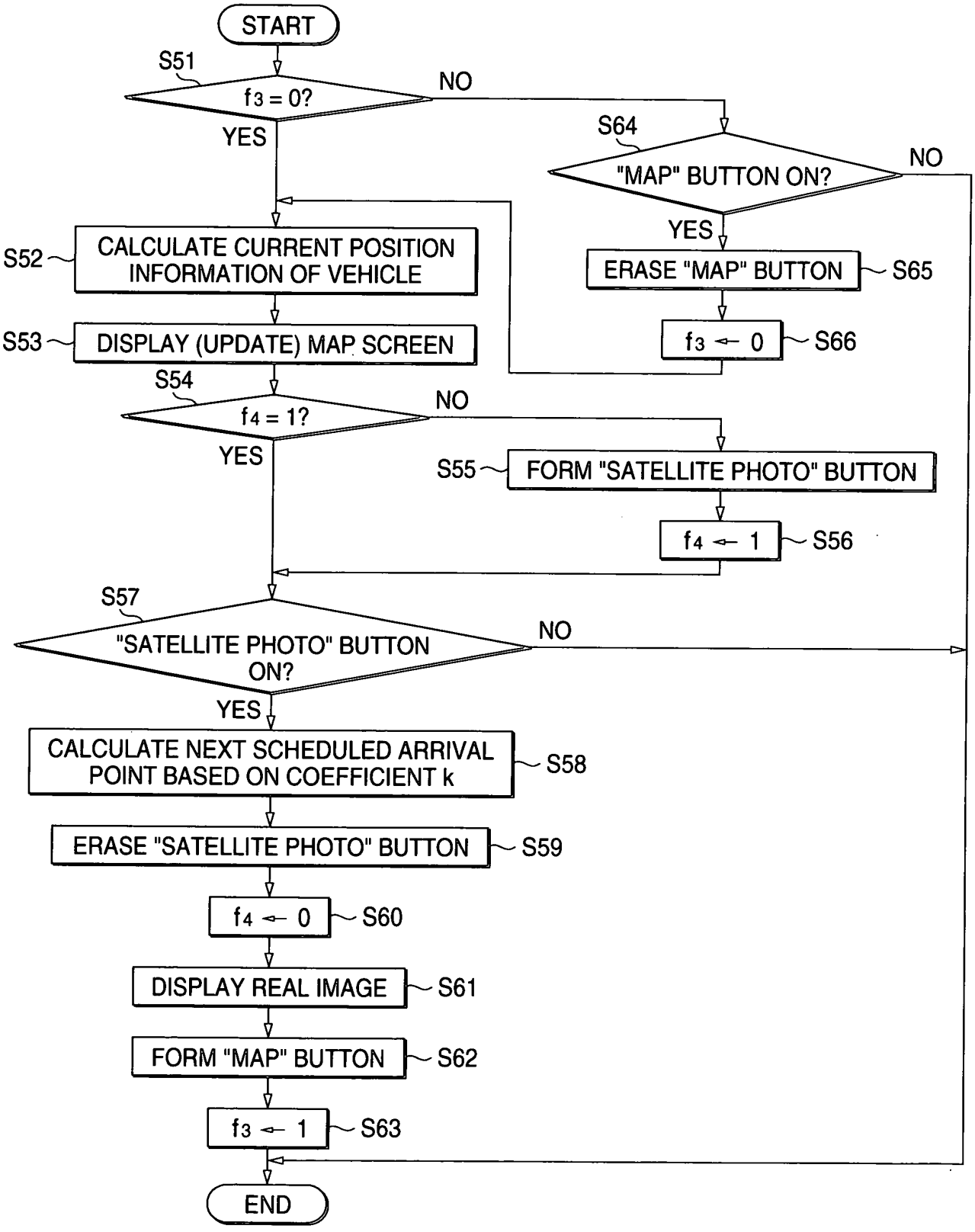


FIG. 12


START
S51
f3 = 0?
NO
YES
S64
"MAP" BUTTON ON?
NO
YES
S52
CALCULATE CURRENT POSITION INFORMATION OF VEHICLE
ERASE "MAP" BUTTON
S65
S53
DISPLAY (UPDATE) MAP SCREEN
f3 ← 0
S66
S54
f4 = 1?
NO
YES
S55
FORM "SATELLITE PHOTO" BUTTON
f4 ← 1
S56
S57
"SATELLITE PHOTO" BUTTON ON?
NO
YES
CALCULATE NEXT SCHEDULED ARRIVAL POINT BASED ON COEFFICIENT k
S58
ERASE "SATELLITE PHOTO" BUTTON
S59
f4 ← 0
S60
DISPLAY REAL IMAGE
S61
FORM "MAP" BUTTON
S62
f3 ← 1
S63
END